

IN THE CLAIMS

Amend the claims as indicated below.

1.(Currently Amended) A medical system architecture, comprising:
a modality for acquiring medical images,
an image processor constructed and operable to process ~~a means for processing~~ the medical
images, said image processor including ~~means for processing includes~~ a digital image
system with a computer that works according to a standard for object linking and
embedding method for data exchange between various application programs with
graphical control elements and a standard for object linking and embedding custom
controls, wherein a standard for object linking and embedding custom controls
software component is allocated to every individual process limited by address space
boundaries,
a remote control component ~~means~~ for expanding the standard for object linking and
embedding custom controls software components ~~with a remote control component~~
for asynchronous communication so that devices and processes can be remote
controlled without any limitations caused by address space or computer boundaries,
an application including three tiers, said three tiers including a view tier and a controller tier
and at least one modeling tier, and
image ~~a means for the~~ transmission apparatus connected to transmit the medical ~~of the~~
images [[,]] .

2. (Previously Presented) A medical system architecture according to claim 1,
wherein said remote control component is an automation object communication interface.

3. (Currently Amended) A medical system architecture according to claim 2, wherein
the remote control component operates ~~ensues~~ according to an automation object
communication standard.

4. (Previously Presented) A medical system architecture according to claim 1,
wherein the remote control component is an automated object interface component.

5. (Currently Amended) A medical system architecture according to claim 1, wherein the remote control component ensues with software-IC connections.

6.(Currently Amended) A medical system architecture according to claim 1, wherein the remote control component operates ~~ensues~~ according to the ATOMIC (Asynchronous Transport Optimizing observer-pattern-like system supporting several Modes for an Interface definition-less language Communication) system.

7. (Original) A medical system architecture according to claim 5, wherein the remote control component is a connectable/remote interface component.

8. (Original) A medical system architecture according to claim 6, wherein the remote control component is a connectable/remote interface component.

9. (Currently Amended) A medical system architecture according to claim 1, wherein said image transmission apparatus ~~means for transmitting~~ uses for data exchange the standard for object linking and embedding.

Claim 10. (Cancelled)

11. (Original) A medical system architecture according to claim 1, further comprising:
means for use of software component technology for producing components for graphic user interfaces contained within a process.

12. (Original) A medical system architecture according to claim 1, further comprising:
means for combining software component technology with standard for object linking and embedding Automation for distributed propagation of an event within a control level and between the control levels.

13. (Original) A medical system architecture according to claim 1, further comprising:
means for combining software component technology with software-IC connections for the distributed propagation of an event within a control level and between the control levels.

14. (New) A medical system architecture as claimed in claim 1, wherein each of said three tiers are contained in different processes.

15. (New) A medical system architecture as claimed in claim 1, wherein said view and control tiers are in one process and said model tier is in another process.

16. (New) A medical system architecture as claimed in claim 1, wherein said model and control tiers are in one process and said view tier is in another process.

17. (New) A medical system architecture as claimed in claim 1, wherein said view and control and model tiers are in one process.